

Design iteration 3-8-2015

### New Features

- A) An inner lip has been added, to be used in conjunction with an o-ring stretched on the outside
- B) A hole has been added to mount a temperature sensor
- C) The slot for the potentiometer hole has been extended while we develop the gearbox assembly, to temporarily give more mounting options
- D) The battery tab system has been removed, to be replaced with Velcro
- E) The previous housing unit used large amounts of plastic to achieve a flat face here-it has been replaced with a system of 45 degree angle faces with no need for support material underneath, reducing overall printing costs
- F) Slots have been added to aid in mounting the project box to the current rain gauge system
- G) To save printing material, these cylindrical columns have been shortened and given a 45 degree taper.

